

R/V OGS EXPLORA – refitting of a old lady

THE MAIN AIMS ARE TO

- comply with the Special Purpose Ship requirements increasing the technicians capability up to 26
- improve of the safety standard
- improve the comfort on board
- re-arrange the back deck facilities
- upgrade scientific some equipment

MULTICHANNEL SEISMIC SERCEL	
Channel number	120
Sampling rate	1/8 - 4 ms
Resolution	24 bit
Dynamic Range	136 dB
Data format	SEG2 - SEGY

CHIRP II DATA SONIC	
Sweep frequency	2-7 kHz
Resolution	Decimetric
Transducers	16
Ping rate	Variable
Sweep rate	Variable

MULTIBEAM RESON SEABAT 7150	
Operatig frequency	12 kHz
Number of beams	880
Beamwidth	Variable
Max swath coverage	5x water depth
Depth range	50-6000 m



All linings, insulation and furniture in the accomodation spaces and all insulation in machinery spaces, including funnels will be removed and replaced;

Electrical, hydraulic and HVAC plants will be rebuilt (according with the new layout);

Cargo hold will be split in two parts by means of a new watertight steel bulkhead and the capacity plan will be modify in order to satisfy the stability requirement related to SPS code;

Several safety items will be modify or installed (emergency exit, alarms..).

START – march 1st



EXPECTATIONS ARE....

Possibility to install 4 ISO Container as labs, workshop and storage increasing the multidisciplinary

Development of the A-frame increasing the clearance

Development of a new deploy/recovery system for the air guns arrays

Installation of a new side frame suitable for oceanographic purposes

Replacement of the existing derrick with a new hydraulic crane



END – August